

Abstract

Method and device for the laser drilling of laminates

A frequency-doubled Nd vanadate laser having the following parameters:

- Pulse width < 40 ns
- Pulse frequency ≥ 30 kHz for the metal layer
≥ 20 kHz for the dielectric layer
- Wavelength = 532 nm

is used for the laser drilling of laminates which have at least one metal layer and at least one dielectric layer comprising an organic material.